Project Documantation

What software Eng SE ?

* state of the art of developing quality software on time and

within budget

* Trade-off between perfection and physical constraints
* SE has to deal with real-world issues
* State of the art!
* Community decides on best practice + life-long education

What are SDLC & its rules?

* For project development rules & regulation need to be followed for best quality output at defined time limit
* Rules are Software Development Life Cycle – SDLC
* It‘s part of software engineering
* Six rules to be followed…

Project Rules & Regulation (SDLC) Software deve life cycle

6 RULES

1. Requirement

1. Analysis

Requirement analysis

Time requirement

Budget

How many users

Step 1 : Find total no of user

Guest

Customer    ->  website

Admin -> admin panel                customer task & employee

Employee ->  employee panel    customer task manage

Step 2 : define each task of user

Guest

View categories

View Product

Contact us

Customer

View categories

View Product

Contact us

Signup

Login

Add to cart

Manage cart

Order

Manage order

Feedback

Logout

======================

Employee

Signup by admin

login

Manage categories    add/upd/del

Manage Product

Manage Contact us

Manage customer

View cart history

Manage Order

Logout

Admin

login

Manage categories    add/upd/del     F / T

Manage Product F / T

Manage Contact us T

Manage customer T

View cart history T

Manage Order T

Manage Employee F / T

Manage Feedback T

Logout

1. Step : 3 Define Diagram
2. Use case Diagram





1. DFD Data flow diagram

0 level



Level 1

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1. Define Database Table

Customer

View categories categories.tbl

View Product product.tbl

Contact us inquiry.tbl

Signup customer.tbl

Customer Login customer.tbl

Add to cart cart.tbl

Manage cart cart.tbl

Order order.tbl

Manage order order.tbl

Feedback feedback.tbl

Logout customer.tbl

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Employee

Signup by admin employee.tbl

Login employee.tbl

Manage categories    add/upd/del      categories.tbl

Manage Product product.tbl

Employee

Manage Contact us inquiry.tbl

Manage customer customer.tbl

View cart history cart.tbl

Manage Order order.tbl

Logout employee.tbl

Admin

Login admin.tbl

Manage categories    add/upd/del categories.tbl

Manage Product product.tbl

Manage Contact us inquiry.tbl

Manage customer customer.tbl

Admin

View cart history cart.tbl

Manage Order order.tbl

Manage Employee employee.tbl

Manage Feedback feedback.tbl

Logout admin

1. Find Total no of table

categories.tbl

product.tbl

inquiry.tbl

customer.tbl

cart.tbl

order.tbl

feedback.tbl

Employee.tbl

Admin.tbl

1. Find column of each table

Categories.tbl      table column 3 /  form  2

**Cate\_id   PK  AI**

Cate\_name

Cate\_img

Product.tbl                       column     8 table  / form 6

**Prod\_id   PK  AI**

Cate\_id   FK

Prod\_name

Short\_dec

Prod\_img

Main\_price

Disc\_price

qty

**Status             In stock / out of Stock**

Inquiry.tbl     t -4  f-3

**Inq\_id  PK AI**

Name

Email

Comment

customer.tbl

**Cust\_id  PK AI**

Name

Email

Password

Mobile

Img

**Status                  Unblock/Block**

cart.tbl

**Cart\_id   PK AI**

**Prod\_id  fk**

**Cust\_id  fk**

**Qty**

**===================================================**

**Start Create DATABASE AND TABLE**

**3) Designing / Database**

**4) Coding / implementation**

**5) Testing**

1. **Maintenance**

**====================================================================**